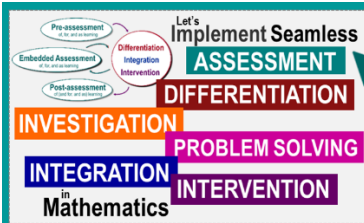


# Add and Subtract Tens and Two-digit Numbers Bridging 100 ↖



## INVESTIGATIONS OVERVIEW PAGE

THIS PAGE IS A SUMMARY OF THE INVESTIGATIONS THAT STUDENTS MAY ENGAGE IN TO DEEPEN THEIR RELATIONAL UNDERSTANDING.

INVESTIGATIONS WITH INSTRUCTIONS TO STUDENTS FOLLOW ON SUBSEQUENT PAGES.

- Children select cards to make a two-digit number and a tens number that adds to more than 100. They add the tens number using place value to bridge to 100. **Reflection:** [How can we add tens and two-digit numbers?](#)
- Children select cards to make a tens number to subtract from a number with tens and ones. They subtract the tens number using place value to bridge to 100. **Reflection:** [How can we subtract tens and two-digit numbers?](#)
- Children use a calculator to add a tens number and a two-digit number, then check using place value to bridge to 100. **Reflection:** [How can we add tens and two-digit numbers?](#)
- Children use a calculator to subtract a tens number from a number with tens and ones, then check using place value to bridge to 100. **Reflection:** [How can we subtract tens and two-digit numbers?](#)

## Add and Subtract Tens and Two-digit Numbers Bridging 100

Select cards to make a tens number and a two-digit number that add to more than 100.

Add the tens number:

- using friends of 100 to add to 100 and some ones
- partitioning the tens number you are adding
- using place value to add the remaining part

recording on a number line.

Select an Ace and 3 more cards to make a number with tens and ones in the 100s, and another card to make a tens number that subtracts to less than 100.

Subtract the tens number:

- using place value to subtract to 100 and some ones
- partitioning the tens number you are subtracting
- using friends of 100 to subtract the remaining part

recording on a number line.

Reflection: How can we add and subtract tens and two-digit numbers?

# Add and Subtract Tens and Two-digit Numbers Bridging 100

Sit with a friend.

Add a tens number and a two-digit number on a calculator.

Check your answer using place value to bridge to 100 on a number line.

Explain your strategy to a friend.

Reflection: How can we add tens and two-digit numbers?

# Add and Subtract Tens and Two-digit Numbers Bridging 100

Sit with a friend.

Subtract a tens number from a number with tens and ones on a calculator.

Check your answer using place value to bridge to 100 on a number line.

Explain your strategy to a friend.

Reflection: How can we subtract tens and two-digit numbers?